

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2005/001037

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 H02J 7/00**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02J H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patents and applications for inventions since 1975, Korean Utility models and applications for Utility models since 1975
Japanese Utility models and applications for utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
D/B: eKIPASS(Searching System of Korean Intellectual Property Office)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,683,438 B2 (Samsung Electronics Co., Ltd.(KR)) 27 Jan. 2004 See the Abstract, Fig.2	1-11
A	US 6,118,249 A (Perdix Oy, Helsinki, Finland) 12 Sep. 2000 See the whole document	1-11
A	US 5,963,012 A (Motorola, Inc., Schaumburg, Ill.) 05 Oct. 1999 See the Abstract, Fig.3	1-11
A	US 5,568,036 A (Delco Electronics Corp., Kokomo, Ind.) 22 Oct. 1996 See the whole document	1-11

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:
 "A" document defining the general state of the art which is not considered to be of particular relevance
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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search
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Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

LEE, Chang Yong

Telephone No. 82-42-481-5646



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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